

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	12	((("4739514") or ("5204909") or ("20030026441") or ("4123711") or ("6798197") or ("4947133") or ("4055818") or ("5255324") or ("5481617") or ("5509080") or ("6134330") or ("20010036285"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/11/07 17:13
S3	1	korner.in. and harmonic and splitter and audio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/03 14:34
S4	5	((("20040022400") or ("6215879") or ("6023513") or ("3828133") or ("20010034252"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/11/09 14:12
S5	1	("5923766").PN.	US-PGPUB; USPAT	OR	OFF	2006/11/08 18:02
S6	973	(381/98).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/03 14:42
S7	43	381/98-109.ccls. and harmonic same filter same amplifier	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 16:09
S8	1	("20010034252").PN.	US-PGPUB; USPAT	OR	OFF	2006/11/12 15:42
S9	35	381/98-109.ccls. and harmonic and filter and amplifier and (phone ringer ring polyphonic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/03 14:37
S10	594	harmonic same (phone ringer ring polyphonic) same filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 15:45
S11	0	harmonic same (polyphonic near2 ring\$2) same filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 15:46
S12	1	harmonic same (polyphonic near2 ring\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 15:46
S13	11	harmonic and (polyphonic near2 ring\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 17:02
S14	0	(polyphonic near2 ring\$2) same (bandwidth near2 expan \$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 15:48
S15	43	(ring\$2 ringer) same phone same harmonic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 15:59
S16	0	(ring\$2 ringer) same phone same harmonic same (bandwidth near2 expan\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 15:49

S17	3	"455"/\$.ccls. and harmonic same (bandwidth near3 expan\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 15:59
S18	3	"455"/\$.ccls. and (harmonic harmonics) same (bandwidth near3 expan\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 16:01
S19	198	"455"/\$.ccls. and (harmonic harmonics) same (speech ringer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 16:05
S20	3	"455"/\$.ccls. and (add\$3 near4 (harmonic harmonics)) same (speech ringer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 16:05
S21	52	381/61,98-109.ccls. and harmonic same filter same amplifier	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 16:49
S22	610	(381/61).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 16:49
S23	145	S22 and (ring ringer phone speech)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 16:50
S24	40	S22 and (ring ringer phone speech) and (harmonic harmonics)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 16:50
S25	11	harmonic and (polyphonic near2 ring\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 17:03
S26	107029	((polyphonic near2 ring\$2) speech)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 17:03
S27	3	((polyphonic near2 ring\$2) same speech)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 17:20
S28	5	(polyphonic near2 ring\$2) same (harmonic harmonics)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 17:09
S29	7	(polyphonic near2 ringer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 17:22
S30	120	(polyphonic near2 sound)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 17:22
S31	4	(polyphonic near2 sound) same (harmonic harmonics)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 17:28
S32	14	(polyphonic near2 music) same (harmonic harmonics)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 17:31
S33	226	(polyphonic near2 tone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 17:31

S34	16	(polyphonic near2 ring near2 tone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 17:51
S35	0	("EP-994464-\$.did. ").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 17:51
S36	0	("EP-994464-\$.did. ").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 17:52
S37	0	("EP-994464-\$.did. ").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/11/12 17:52
S38	0	("EP-994464-\$.did. ").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/11/12 17:52
S39	0	("EP-1161076-\$.did. ").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/11/12 17:52
S40	0	("EP-161076-\$.did. ").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/11/12 18:18
S41	4	((("4700390") or ("5581652"))).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/11/12 18:18
S42	1	korner.in. and harmonic and splitter and audio and (out-of-band)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/03 15:01
S43	4	381/98-109.ccls. and (out near2 band near2 (harmonics harmonic)) and filter and amplifier	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/03 14:59
S44	83	(out near2 band near2 (harmonics harmonic)) and filter and amplifier	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/03 14:41
S45	35	(out near2 band near2 (harmonics harmonic)) and filter and amplifier and audio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/03 14:47
S46	637	(381/61).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/03 14:42
S47	238	(381/101).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/03 14:42
S48	41	(out near2 band near2 (harmonics harmonic)) and amplifier and audio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/03 14:48

S49	28	((creat\$3 produc\$3) with (out near2 band near2 (harmonics harmonic)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/03 14:53
S50	1	((increas\$3 elongat\$4 stretch \$3) with bandwidth) same (out near2 band near2 (harmonics harmonic)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/03 14:54
S51	1	((increas\$3 elongat\$4 stretch \$3) with (bandwidth(data near2 transmission near2 rate))) same (out near2 band near2 (harmonics harmonic)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/03 14:55
S52	32	((increas\$3 elongat\$4 stretch \$3) with (bandwidth(data near2 transmission near2 rate))) and (out near2 band near2 (harmonics harmonic)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/03 14:56
S53	20	((increas\$3 elongat\$4 stretch \$3) near4 (bandwidth(data near2 transmission near2 rate))) and (out near2 band near2 (harmonics harmonic)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/03 14:56
S54	1	381/61,98-109.ccls. and filter near3 separa\$3 near3 upper near3 (passband (pass adj2 band))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/11 09:51
S55	0	korner.in. and harmonic and splitter and audio and (out-of-band) and (upper same passband)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/03 15:02
S56	0	korner.in. and harmonic and splitter and audio and (out-of-band) and (upper same pass-band)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/03 15:02
S57	1	korner.in. and harmonic and splitter and audio and (out-of-band) and (upper)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/03 15:02
S58	5	((("20040022400") or ("6215879") or ("6023513") or ("3828133") or ("20010034252"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/05/03 15:06
S59	0	S58 and (harmonic harmonics) and (out near2 band)	US-PGPUB; USPAT	OR	OFF	2007/05/03 15:06
S60	5	S58 and (harmonic harmonics)	US-PGPUB; USPAT	OR	OFF	2007/05/03 15:06
S61	1	381/61,98-109.ccls. and generat \$3 with (out-of-band with harmonics)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/14 14:17
S62	23	generat\$3 with (out-of-band with harmonics)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/11 09:52
S63	4	(generat\$3 produc\$3 creat\$3) adj3 out-of-band adj3 harmonics	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/11 09:53

S64	41	381/61,98-109.ccls. and (harmonics) and (adjust\$4 near3 amplifier)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/14 14:18
S65	11	381/61,98-109.ccls. and (harmonics) and (adjustable near3 amplifier)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/14 14:18
S66	2	((("3828133") or ("20010034252")).PN.	US-PGPUB; USPAT	OR	OFF	2007/11/07 17:17
S67	0	"381"/\$.ccls. and (add\$3 with out-of-band with harmonics)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/07 17:18
S68	9	"381"/\$.ccls. and (out-of-band with harmonics)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/07 17:20
S69	2	"704"/\$.ccls. and (out-of-band with harmonics)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/07 17:22
S70	116	(out-of-band with harmonics)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/09 11:31
S71	30	"381"/\$.ccls. and (out-of-band with (harmonics acoustics noise))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/07 17:35
S72	40	(out-of-band adj2 harmonics)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/08 11:05
S73	0	(out-of-band) same ((extend\$3 lengthen\$3 stretch\$3) with bandwidth with audio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/09 11:32
S74	6	(out-of-band) and ((extend\$3 lengthen\$3 stretch\$3) with bandwidth with audio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/09 13:26
S75	0	(out adj2 of adj2 band) and ((extend\$3 lengthen\$3 stretch \$3) with bandwidth with audio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/09 14:03
S76	12	(out adj2 band) and ((extend\$3 lengthen\$3 stretch\$3) with bandwidth with audio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/09 13:31
S77	6	( add\$3 near3 harmonics) and ((extend\$3 lengthen\$3 stretch \$3) with bandwidth with audio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/09 13:31
S78	5	((("20040022400") or ("6215879") or ("6023513") or ("3828133") or ("20010034252")).PN.	US-PGPUB; USPAT	OR	OFF	2007/11/09 13:43
S79	5	S78 and harmonic\$1	US-PGPUB; USPAT	OR	OFF	2007/11/09 13:44
S80	401	(700/500,214).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/09 14:04
S81	1	("5828755").PN.	US-PGPUB; USPAT	OR	OFF	2007/11/09 14:12

S82	8	"381"/\$.ccls. and (out-of-band near5 harmonics)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/05/16 13:59
S83	684	(381/61).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/05/16 14:05
S84	5	((("20040022400") or ("6215879") or ("6023513") or ("3828133") or ("20010034252")).PN.	US-PGPUB; USPAT	OR	OFF	2008/05/16 14:28
S85	3	S84 and (\$4phone organi\$3 pager)	USPAT	OR	OFF	2008/05/16 14:28
S86	272	(704/225).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/05/16 14:36
S87	1091	(381/98).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/12/22 00:53
S88	714	(381/61).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/12/22 00:54
S89	4135	(381/98-109).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/12/22 00:54
S90	1	korner.in. and harmonic and splitter and audio and (polyphonic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/12/22 00:54
S91	5	((("20040022400") or ("6215879") or ("6023513") or ("3828133") or ("20010034252")).PN.	US-PGPUB; USPAT	OR	OFF	2008/12/22 01:00
S92	1756	(704/205).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/12/22 01:00
S93	0	(polyphonic near5 ring) near20 bandwidth near20 harmonic\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/12/22 01:02
S94	2	(polyphonic near5 ring) near20 harmonic\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/12/22 15:24
S95	11	("20010016483"   "20020107009"   "20020111171"   "20030109251"   "20040033798"   "20040121818"   "20040198471"   "20040219953"   "20040266401"   "6094587"   "6418330").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/22 15:25
S96	1	(polyphonic near5 ring) near20 bandwidth	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/12/22 15:26

S97	100	(polyphonic near5 ring)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/12/22 15:26
S98	15	(polyphonic near5 ring) and harmonic\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/12/22 15:26
S99	2	(polyphonic near2 ring\$3) near20 (harmonic\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/12/29 10:51
S100	20	(polyphonic near2 ring\$3) and (harmonic\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/12/29 10:52
S101	1139	(455/567).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/12/29 12:24
S102	3763	(84/609,610,617,622- 626,634,649-650,655,659- 661,666).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/12/29 12:25
S103	328	S102 and polyphonic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/12/29 12:25
S104	10	S102 and (polyphonic near5 ring\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/12/29 12:25
S105	33	S102 and (polyphonic near5 signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/12/29 12:29
S106	0	S102 and polyphonic near20 ((extend\$3 increas\$3) near4 bandwidth)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/12/29 12:29
S108	4	S102 and polyphonic and ((extend\$3 increas\$3) near4 bandwidth)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/12/29 12:29
S109	26	S102 and (polyphonic near20 harmonic\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/12/29 12:31
S110	3763	(84/609,610,617,622- 626,634,649-650,655,659- 661,666).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/12/29 16:48
S111	0	S110 and polyphonic near20 (bandwidth)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/12/29 16:48
S112	4	S110 and polyphonic and ((extend\$3 increas\$3) near4 bandwidth)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/12/29 16:48
S113	10	(polyphonic near10 ring\$5) and ((extend\$3 increas\$3) near4 bandwidth)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/12/30 10:50
S114	8	(polyphonic near10 ring near10 tone\$1) and ((extend\$3 increas \$3) near4 bandwidth)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/12/30 10:53

S115	25	(polyphonic near10 ring near10 tone\$1) and ( bandwidth)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/12/30 10:54
S116	192	(polyphonic near10 ring\$5) and ( bandwidth)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/12/30 12:12
S117	2	(polyphonic near10 ring\$5) near20 harmonic\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/12/30 13:16
S118	47	(polyphonic near10 ring\$5) and harmonic\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/12/30 13:19
S119	2	("20030205124"   "6111183").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/30 14:21
S120	269	\$4phone\$1 near20 polyphonic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/12/31 09:24
S121	3	\$4phone\$1 near20 polyphonic near20 harmonic\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/12/31 10:05
S122	1139	(455/567).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/12/31 10:21
S123	3	S122 and polyphonic and bandwidth	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/12/31 10:21
S124	3	S122 and polyphonic and (transmis\$4 near5 rate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/12/31 10:24
S125	8	polyphonic and (transmis\$4 near5 rate) and harmonic\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/12/31 10:24
S126	30	polyphonic and (transmis\$4 near5 rate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/12/31 15:57
S127	4	(add\$3 near10 harmonic\$1 near10 polyphonic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/01/01 13:08
S128	5	(add\$3 near20 harmonic\$1 near20 polyphonic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/01/01 13:09
S129	1	("4526081").PN.	USPAT; USOCR	OR	OFF	2009/01/01 13:16
S130	1	("4149440").PN.	USPAT; USOCR	OR	OFF	2009/01/01 13:17
S131	1	korner.in. and harmonic and splitter and audio and alert	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/01/02 09:12

1/ 5/ 2009 9:18:12 AM

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